

Abstract of the Disclosure

A solid-state imaging device provides an in situ shading correction value regardless of electronic camera performance variation or type of replacement lens installed, etc. In one implementation, light-receiving region 110 of a solid-state imaging device 100 is divided into an effective pixel part 110A and an available pixel part 110B. Pixels 130 in the available pixel part 110B provide output signals indicating the degree of shading at the effective pixel part 110A. Output signals from pixels 130 are used by a control part 220D of the electronic camera for shading correction of image data obtained by the effective pixel part 110A.